

Certificate of Analysis

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Arete Sample: 12-06-2024-42640

Sample Received: 12/06/2024;

Report Created: 02/13/2024; Expires: 12/06/2025

Columbian Gold

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New Bloom Labs

Plant, Flower - Uncured



19.520%

Total THC

0.191%

Δ-9 THC

24.465 %

Total Cannabinoids

<LOQ %

Total CBD

Cannabinoids					Complete
(Testing Method: HPLC, CON-P-3000)					
Date Tested: 12/06/2024					
Analyte	LOD	LOQ	Mass	Mass	
	0/	0/	9/	mala	

06/2024					
Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0437	0.0655	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0437	0.0655	0191	1.913	
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0437	0.0655	22039	220,393	
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0437	0.0655	ND	ND	
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0437	0.0655	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0437	0.0655	<loq< td=""><td><l0q< td=""><td></td></l0q<></td></loq<>	<l0q< td=""><td></td></l0q<>	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0437	0.0655	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0437	0.0655	ND	ND	
9R-Hexahydrocannabinol (9R-HHC)	0.0437	0.0655	ND	ND	
9S-Hexahydrocannabinol (9S-HHC)	0.0437	0.0655	ND	ND	
Tetrahydrocannabinol Acetate (THCO)	0.0437	0.0655	ND	ND	
Cannabidivarin (CBDV)	0.0437	0.0655	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.0437	0.0655	ND	ND	
Cannabidiol (CBD)	0.0437	0.0655	ND	ND	
Cannabidiolic Acid (CBDA)	0.0262	0.0655	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
Cannabigerol (CBG)	0.0437	0.0655	<loq< td=""><td><l0q< td=""><td></td></l0q<></td></loq<>	<l0q< td=""><td></td></l0q<>	
Cannabigerolic Acid (CBGA)	0.0437	0.0655	1673	16.725	
Cannabinol (CBN)	0.0437	0.0655	ND	ND	
Cannabinolic Acid (CBNA)	0.0262	0.0655	<l0q< td=""><td><loq< td=""><td></td></loq<></td></l0q<>	<loq< td=""><td></td></loq<>	
Cannabichromene (CBC)	0.0437	0.0655	ND	ND	
Cannabichromenic Acid (CBCA)	0.0437	0.0655	0562	5.624	
Total			24465	244,655	

Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD; LOQ = Limit of Quantitation; ND = Not Detected.

Total THC Measurement of Uncertainty: \pm 0.050% Total CBD Measurement of Uncertainty: \pm 2.000% THCO Dotency analysis does not designate quantitative specificity of Δ -8-THCO and Δ -9-THCO isomers



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Laboratory Director

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